GTM PROFESSIONAL®

User manual
GTS600

Original

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General: This symbol means ATTENTION. Rules marked with this symbol concern safety measures, important notifications and warnings. Failure to follow these warnings can cause injuries and/or material damage.

1. Safety instructions and regulations regarding health and safety during operation

1.1 Responsibility

- The GTS600 woodchipper may only be operated by persons over eighteen years of age, who are familiar with the safety rules and the operation manual. First and foremost, users must be able to stop the machine immediately.
- Users are responsible for all damage caused to a third party.
- The GTS600 woodchipper is only to be used for the purpose mentioned in this instruction booklet. If the machine is used for any other purpose than described, the warranty and the responsibility of both the manufacturer and distributor will be null and void.
- The warranty will also be invalidated in the case of unauthorized intervention on the machine and whenever the safety instructions, as described in the following enclosures, are not followed.
- The user should be aware of the rules and regulations concerning the environment and noise levels. When using the GTS600 woodchipper it is necessary for the user to wear personal protective equipment against noise (ear protection). Woodchipping has to be stopped every hour for at least 15 minutes. During these intervals, which are necessary in order to avoid the user being exposed to too much noise, the user should not be exposed to noise.
- In case of professional use of the GTS600 woodchipper, the instructor must provide the user of the chipper with sufficient (written) instructions to guarantee a safe use.

1.2 Instructions for safety during use

- Users must wear heavy-duty footwear and appropriate, well fitting trousers. Safety goggles and hear protection are mandatory. Do not wear loose clothes, or clothes with strings or ties. Long branches could lash into your face, so keep at a distance and always wear face protection. Wear gloves whenever dealing with the blades.
- Defects must be corrected before use. Use only ORIGINAL spare parts for your own safety and validity of the warranty.

- Check before every use at least the following:
  - Loose bolts and nuts
  - Damaged rubber flaps in the input tube – change them if they are damaged or worn.
  - Oil level in the engine
  - Cracks in the plating and/or failed weldings
  - Cracked or damaged wiring
  - Infeed tube and rotor should be empty

- The user is responsible for the safety of all persons within a radius of 12m. Mark off an area at least 3 meters wide and 12 meters long on the output side. Use red/white ribbons for marking the danger zone.
- See that the machine stands horizontal and stands stable. The machine should not be used on a slope of more than 8.5 degrees.
- Do not allow processed material to build up in the discharge zone; this may prevent proper discharge and can result in kickback of material through the feed intake opening.
- The engine should only be run outdoors or in well-ventilated spaces. The smoke from the exhaust is very toxic and prolonged inhalation can be fatal.
- The fuel tank must be filled using a funnel (Fig. 1), always in the open air or in a well-ventilated space, with the engine switched off and having cooled down. Fuel is highly flammable. Do not smoke or light a fire. Use only an approved container. Always replace and securely tighten the fuel cap after refuelling.
- If fuel is spilled, do not attempt to start the engine, but move the machine away from the area of spillage before starting. Always clean up spilled fuel.
- Use only unleaded petrol Euro 95 or better (Fig. 2).
- Place the machine in such a way that the exhaust fumes are blown away from the operator position. If needed move the machine.

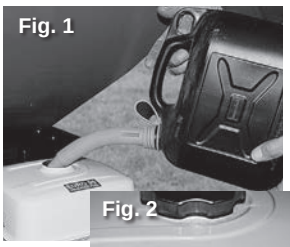


Fig. 1

Fig. 2

- Do not operate the machine on a paved or gravel surface where ejected material could cause injury.
- Only operate the machine in an open space (e.g. not close to a wall or other fixed object).
- Never leave the machine unattended. If you leave the machine, stop the engine.
- Assemble the machine completely before use. Never use the machine without the infeed or outfeed tube mounted on the machine. Always assemble the handle. All these parts assure that it is possible to work on a safe and easy way with the machine.
- If the blades hit a foreign object (anything except wood), or if the machine starts making unusual noises and/or shaking unusually, you must switch off the machine at once to stop the blades rotating. Switch off the engine and take the machine to the recommended dealer.
- Keep your face and body as far as possible from the input tube. While feeding the machine do not stand higher than the bottom of the wheels. Keep your balance and make sure your feet have grip on the soil. Do not bent forwards. Do not allow hands or any other part of the body or clothing inside the infeed or outfeed tube. Stay away from moving parts.
- Replace warning signs if damaged or not sufficiently legible.
- It is prohibited to feed any other material into the machine (e.g. metal, stones, plastics or any other material) than those mentioned in the manual.
- Never put branches longer than 2 m. in the hopper. If needed cut the branches first. Never put branches with a diameter of more than 5.5cm in the machine.
- Do not use the machine in absence of light.
- Due to the vibrations of the machine it is possible that the machine moves. Always place the machine in a open area. Never put the machine next to an obstruction (tree, wall,…). Check the rubber feet under the support for damage each time you use the machine. If needed replace the rubber feet.
- Never move the machine when the engine is turning. Left over woodchips can be ejected out the conveyor.

1.3 Safety directions for use and maintenance

- Disconnect the spark plug wire before attempting to do maintenance on the machine.
- Wait until the engine is cooled down before attempting maintenance on the machine.
- The blades have to be sharp and well balanced.
- Never repair bent or damaged blades, but replace them. Always use ORIGINAL blades for your own safety!
- Do not perform maintenance in the absence of light.

1.4 Explanation of the stickers and safety symbols (Fig. 3)

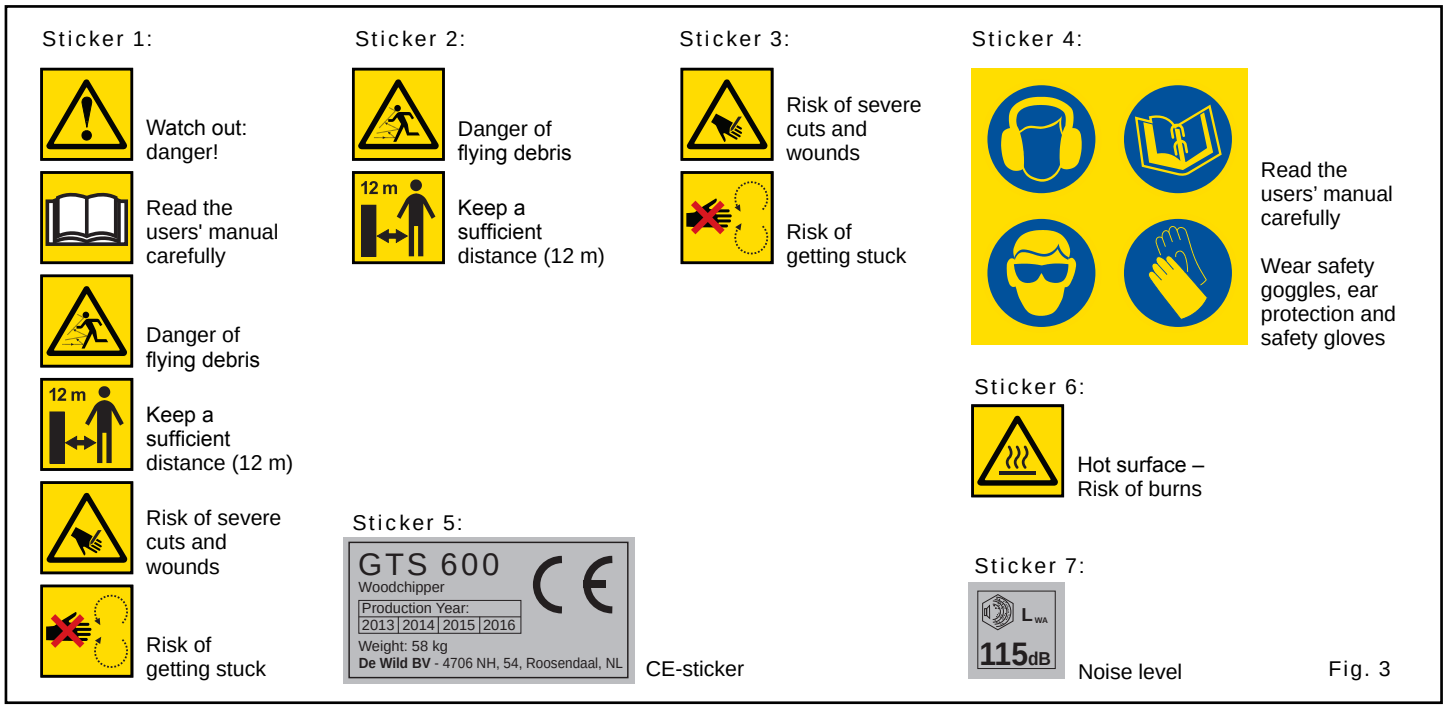


Fig. 3

2. Description and technical service

2.1 Type description

Each GTS600 woodchipper is provided with a factory identification and serial number plate with the most important dates. You can find this plate on the chassis underneath the engine.

2.2 Service

This manual contains the instructions for the operation and basic maintenance of the GTS woodchipper. An authorized service dealer should carry out all other adjustments. It is advised to have the machine serviced once every year by an authorized service dealer.

2.3 Spare parts

Always use ORIGINAL spare parts, which are safe and guaranteed replacements.

2.4 Warranty

The warranty will be granted in accordance with the text on the last page of this instruction manual.

3. General description

The GTS600 is a woodchipper intended to shred all kinds of fresh cut wood with a diameter of maximum 5.5cm. It is also possible to shred roots, but the roots need to be cleaned from sand, earth, rocks or any other materials.
The machine consists out of an engine that propels a rotor. On the rotor there are two blades installed. Via a hopper (infeed tube) the cut wood is introduced into the rotor where the material is shredded. The shredded material is then discharged via the conveyor (output tube). A deflector is installed on the conveyor to facilitate the position of ejected woodchips.
On the rotorhousing one counter blade is installed.

An unpacking instruction is available inside the crate. Follow the instructions carefully to prevent damage during unpacking.

4.1 Parts inside the crate

The crate contains the following items:

- Hopper (input tube),
- Conveyor,
- Handle,
- Pre-assembled motor, rotor and rotorhouse,
- Chassis,
- Wheels,
- Manual and unpacking instructions,
- Bag with tools (wrench for starter plug & screw driver) and bolts and nuts (2 M6x45 + 4 rings and 2 M6 nuts, 4 M8x40 + 4 M8 nuts + 4 big and 4 small rings, 2 M8 locking nuts + 1 M8x20 bolt and 3 rings, 4 M8 locking nuts + 4 rings, 2 M6x20 + 4 rings + 2 M6 nuts, 1 bolt with handle, 2 circlips and 2 M4x20 + 2rings + 2M4 nuts),

4.2 Assembly instructions

The GTS600 consists out of parts with a weight over 20kg. Never lift these parts alone.
Ask someone to help you lifting these parts.

4.2.1. Tools needed:

- 2x wrench 13
- 2x wrench 10
- 1x wrench 7
- Phillips screw driver
- Circlips plier

Fig. 4

Fig. 5

4.2.2. Assembly of the wheels

Both wheels need to be installed on the chassis first. Follow these steps:
- Take both wheels and the 2 supplied circlips.
- Slide the wheels over the shaft (Fig. 4).
- Take the circlips and slide it over the shaft. Use the circlips plier to open the circlips a bit. Now push the circlips into the groove (Fig. 5). Do this for both wheels.

Be sure not to open the circlips too much. The circlips can be damaged this way.

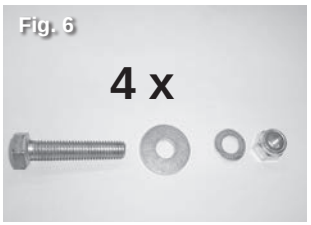


Fig. 6

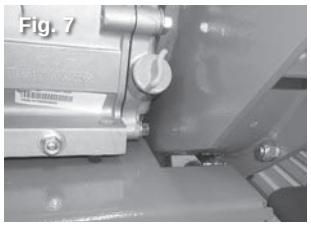


Fig. 7

4.2.3. Assembly of the motor/rotor on the chassis

The rotor and rotorhousing is already installed on the motor. Now the motor needs to be put on the chassis. To achieve this follow these steps:
- Take the 4 M8x40 hex bolts, 4 M8 locking nuts, 4 big rings and 4 small rings (Fig. 6)
- Put the motor with the rotor, rotorhousing and emergency button attached on the chassis. Orientate the engine with the rotor housing to the side where the rotorhousing falls into the cut-out of the chassis (Fig. 7)

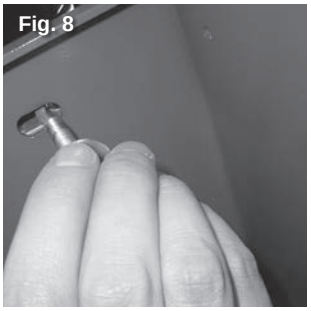


Fig. 8

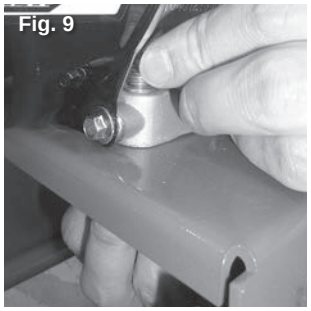


Fig. 9

Never put your hands in the rotorhousing, not even for lifting the engine with rotorhousing attached.

- Put the big ring over the M8x40 bolt. Put a bolt through the holes of the chassis and the engine. The head of the bolt should be on the bottom side of the chassis (Fig.8).
- Now put the small ring on the bolt so it touched the engine. Than put the nut on the bolt (Fig. 9).
- Repeat these steps for the 3 other bolts.
- Now tighten all the bolts firmly.

4.2.4. Assembly of the emergency button

- Take the 2 M4x20 bolts, 2 rings and 2 M4 nuts.
- Open the Emergency button by loosening the 4 screws with the Phillips screw driver (Fig. 10).
- Put a screw in the upper left corner of the emergency button. Put the screw through the upper left hole in the chassis.
- Put the ring and the nut and tighten the nut a bit.

Fig. 10

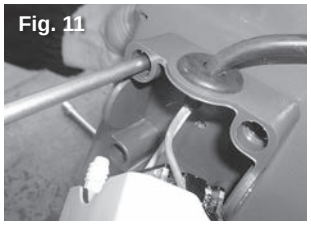


Fig. 11

- Put a screw in the lower right corner of the emergency button. Put the screw through the lower right hole in the chassis (Fig. 11).
- Put the ring and the nut and tighten the nut a bit.
- Now tighten both nuts.
- Put the cover of the emergency button back and tighten the 4 screws.

4.2.5. Assembly of the hopper (input tube)

- Take the 4 M8 locking nuts and 4 rings (Fig. 12).
- Fit the holes on the hopper over the treaded ends on the rotor. The part of the hopper touching the rotorhousing should slide into the rotor housing (Fig. 13).
- Put the rings on the threaded ends.
- Take a locking nuts and tighten manually.
- Now tighten the nuts firmly. Start with the upper nuts first (Fig. 14).

Fig. 12

Fig. 13

Fig. 14

IMPORTANT: Never re-use a locking nut. The locking nut prevents the bolts from loosening due to vibrations. The plastic inside the locking nut is damaged after use.

4.2.6. Assembly of the conveyor

- Take 2 M8 locking nuts, 1 M8x20 bolt and 3 rings.
- Put the rings over the threaded ends. Turn the bolts a couple of turns on the treaded ends (Fig. 15).
- Put the conveyor on the rotorhousing. Make sure that it touches the treaded ends.
- Make sure the rings are on the outside of the conveyor.
- Now tighten the locking nuts firmly.
- Screw the M8x20 bolt in the fixation hole. Tighten firmly! (Fig. 16)

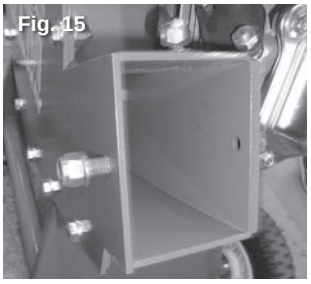


Fig. 15

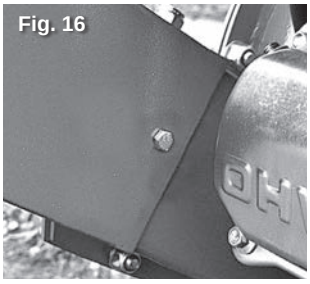


Fig. 16

IMPORTANT: Never re-use a locking nut. The locking nut prevents the bolts from loosening due to vibrations. The plastic inside the locking nut is damaged after use.

4.2.7. Assembly of deflector

- Take the 2 M6x20 bolts and 4 rings and 2 nuts.
- Slide a ring over the bolts.
- Take the deflector and put it on the conveyor.
- Now put the M6x20 bolts trough the holes of the conveyor and deflector (Fig. 17), put the ring on the inside of the conveyor, then put a nut (Fig. 18). Repeat this step for the second bolt. Don't tighten the bolt too firmly. It should be possible to move the deflector easily.
- Take the bolt with the handle and assemble this on the conveyor. This bolt goes through the banana shaped slot in the deflector.

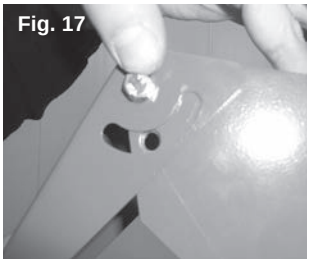


Fig. 17

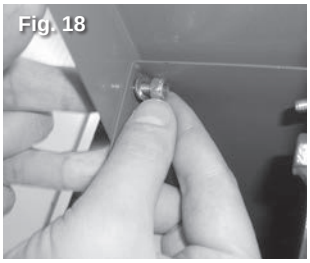


Fig. 18

4.2.8. Assembly of the handle

- Take the 2 M6x45 bolts, 4 rings and 2 M6 nuts (Fig. 19).
- Assemble the handle on the chassis (Fig. 20).
- Put a ring over the bolt.
- Put the bolt through the chassis and through the handle.
- Put the nut on the bolt (Fig. 21).
- Repeat these steps for the second bolt.
- Now tighten the bolts firmly.

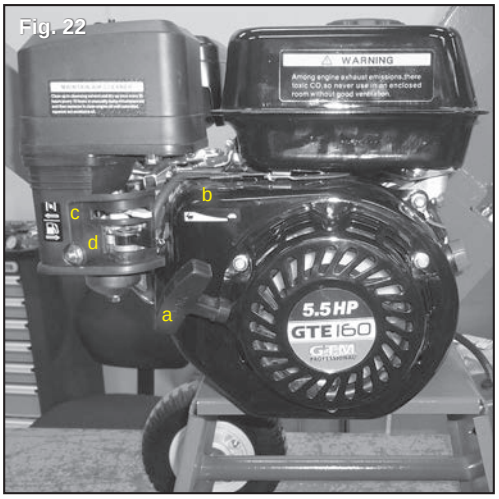
Fig. 19

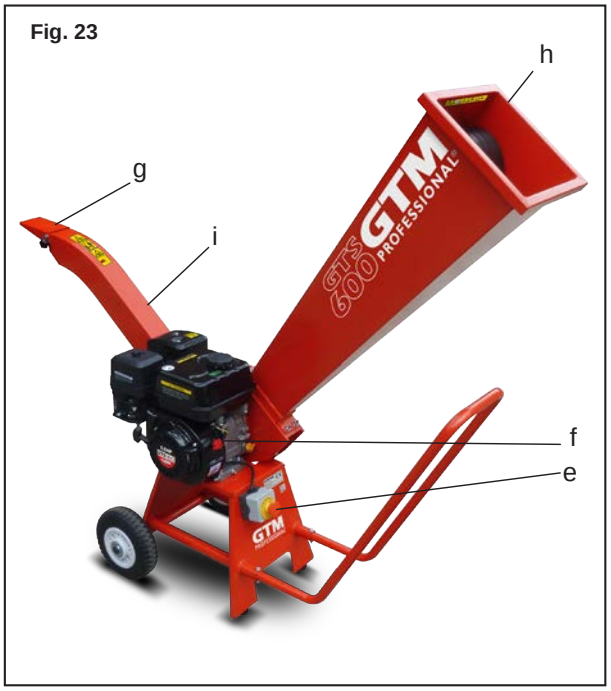
Fig. 20

Fig. 21

5. Controls (Fig 22, 23)

a. Start rope
b. Throttle handle
c. Choke handle
d. Fuel valve
e. Emergency button
f. On/Off switch
g. Deflector
h. Input tube, hopper
i. Conveyor





6. Instructions for use

6.1. Preparation

Check that the machine is assembled according to the assembly instructions. Check following points before using the machine:
- No damage to the machine
- All bolts and nuts tightened firmly or according to specifications (e.g. blade bolts)
- Oil level of the engine (Oil should be at level with the threads of the filler hole)
- Emegency stop button connected correctly

Always respect the safety and environment instructions!

Before starting the machine, always check that there are no woodchips in the rotor. These chips can block the rotor, making it impossible to start the engine.

6.2. Starting the engine

Before starting the engine, execute following steps:
- Open the fuel valve.
- Close the choke handle.
- Open the throttle valve for 1/3.
- Verify that the emergency button is not active. (see par. 6.5)
- Verify the position of the deflector. (see par 6.6)
- Put the on/off switch in the “on” position.

Pull the starter rope repeatedly to start the engine.
When the engine is running, push the choke handle back to the normal position. If you leave the choke handle open too long, you will flood the engine.
Let the engine run idle for at least 30 seconds before opening the throttle handle.
The machine is now ready for use.

Always start the machine idle (without load). Make sure that the hopper is empty and that there are no woodchips in the rotor.

Make sure that there is sufficient fuel in the tank. The suctionfilter is quite high inside the tank.

6.3. chipping/shredding

Put the branches (max Ø 5,5 cm) in the input until the woodchipper starts pulling the branches into the machine. Release the branches.
When shredding branches with a big diameter, don’t put too much branches at once. Make sure the speed of the engine doesn’t drop.
If the speed of the engine should drop, pull the branches back and wait for the engine to get back on speed.
Cut side branches thicker than 2cm off from the main branch and feed them into the machine separately.
TIP: The hardness of the wood depends on the wood type, the time between pruning and chipping and how dry the branches are. The machine performs best if the branches are chipped right after pruning.

IMPORTANT; Check the torque of the blade bolts after every two hours of working with the machine.

IMPORTANT; Never move the machine while the engine is running. Left over woodchips can be ejected during this action. Always stop the engine when moving the machine.

6.4. Stopping the machine

Make sure the machine is completely empty before stopping the engine. After feeding the last branch into the machine, let the machine turn for a couple of minutes. Then you can switch the machine off using the on/off switch.

Fig. 24

Don’t hesitate to use the emergency button in case of unexpected situations.

6.5. Emergency stop button

The emergency stop button is situated on the chassis on the side of the infeed. The button can be operated by foot (Fig. 24).
Push the emergency stop button by pressing the button. The engine will stop immediately.
To release the emergency stop button, turn the red button. Within half a turn, the button is released and it will be possible to start the machine again.

6.6. Deflector

The deflector guides the woodchips so they end up on a pre defined place. The angle of the deflector can be changed by the nut with handle.

Never stand in front of the output of a woodchipper when the engine is turning.

6.7. Blocking of the rotor

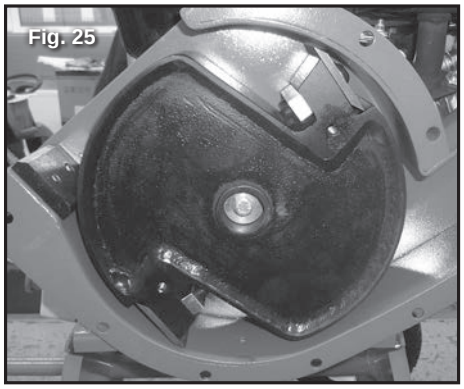


Fig. 25

It is possible that the rotor blocks because the rotor was not empty before stopping the engine, or the emergency push button was pressed (leaving woodchips inside the rotor) or because the engine has stopped due to overloading the chipper with too many branches, etc.

To de-block the motor, follow these steps:

Put the on/off switch in the “off” position and remove the starter plug cap. Remove the input and output tubes. Clean the openings from left over woodchips. Pull the starter rope gently to rotate the rotor. Remove all woodchips before trying to start the engine again.

If it is not possible to clean the rotor completely, a more drastic approach is needed:
Remove the bolts from the rotorhousing to get access to the rotor (Fig. 25).
Remove all woodchips.

Use a branch or a tool to remove the woodchips between the blades. Never use your hands. Be careful! The blades are very sharp and can cause serious injuries.

Always check the blades after a jam. Replace the blades immediately when damaged. Using damaged blades is very dangerous.

6.8. Blocking of conveyor

When too much wet material is put into the input, it is possible that the conveyor jams.
To empty the conveyor, follow these steps:
Put the on/off switch in the “off” position and remove the starter plug cap. Disassemble the conveyor tube from the machine and remove all the material inside the output tube. Remove all the material on top of the rotor. Also remove the material inside the rotor to prevent the machine from blocking during start up.

Use a branch or a tool to remove the woodchips between the blades. Never use your hands..

Assemble the conveyor as explained in chapter 4.2.6.

7. Maintenance

Before you start any maintenance activities, always take following precautions:
- Stop the engine and let the engine cool down
- Remove the starter plug cap

The GTS600 consists out of parts with a weight over 20kg. Never lift these parts alone. Ask someone to help you lifting these parts.

7.1. Cleaning

We suggest to clean the machine after every use. Remove woodchips and dust from the machine using a soft brush.

Never use high pressure water to clean the machine.

7.2. Verification of the emergency stop button

Start the machine as described earlier. Do not put any material in the input (hopper). Push on the emergency button. The machine should stop. Release the emergency button as described in chapter 6.5. It is now possible to start the machine again.

7.3. Replacing the blades

Replacement of the blades should only be performed by an authorised service dealer.

The blades are dull when the material isn't pulled into the machine anymore. The blades should be replaced. The blades are sharp on both sides, so you can turn the blades around and use the other side of the blade. When this side becomes dull, a new pair needs to be installed or the blades can be sharpened.

To replace the blades, follow the steps below:
- Remove the hopper and conveyor.
- Pull in the starter rope until you can see the blades trough the input port on the rotorhousing (Fig. 26).
- Remove the cap on the side of the rotor house. When looking through the hole, the side of the rotor is visible. Locate the screw on the blade holder. Loosen this screw until it sticks through of the rotorhousing. This screw is now preventing the movement of the rotor.
- Verify that the rotor is blocked by pulling the starter rope once more, the rotor should not turn.
- Now it is safe to remove the bolts and the blade.
- To unlock the rotor, tighten the screw which locks the rotor.

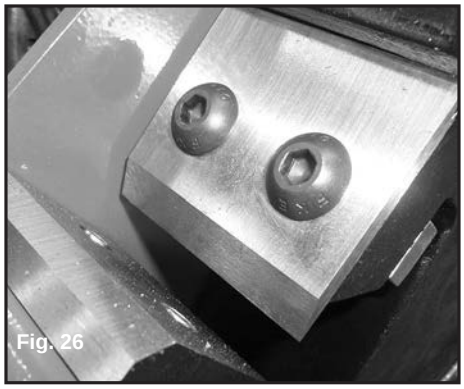


Fig. 26

Always use gloves when handling the blades.

- Now repeat these steps to remove the second blade.
- In case of turning the blades, clean the blade thoroughly. No dirt should be on the bottom or top side of the blade.
- Clean the surface of the rotor where the blades should be mounted. These surfaces should be spot clean.
- Before mounting the blades on the rotor, inspect the blades for damages. Never install damaged blades. In case of damaged blades and/or doubt, contact your service dealer.
- Now the blades can be mounted on the rotor. Don't forget to block the rotor!
- Tighten the bolts firmly using a torque wrench. Attention: Before assembling the bolts, put a little loctite243 on the screws. Put the torque to 80Nm.
- When finished handling the blades, unlock the rotor by tightening the screw which locks the rotor. Don't forget to replace the cap on the side of the rotorhousing.
- After installing the blades, check the gap between the blades and the counter blade. The gap should be no smaller than 0.5mm and not bigger than 0.95mm. The best way to check the gap is when the counter blade is in the middle of the grinded surface of the blade.

This adjustment is very critical for the good operation of the machine. If you experience any trouble during this procedure, contact your service dealer.

- When the distance between the blades is not according the above mentioned distances, the counterblade needs to be adjusted. Untighten the bolts from the counterblade, do not remove the bolts completely, just untighten them a bit. Adjust the position of the counter blade and check the distance between the blades. When the gap is according to specifications, tighten the bolts. Check the gap once more. Now tighten the bolts from the counterblade to a torque of 50Nm using a torque wrench.

When both sides of the blades are dull, the blades can be sharpened again.

Always ask an experienced technician to sharpen the blades.

Don't sharpen a damaged blade. Using damaged blades can lead to dangerous situations.

Never use a grinder that doesn't guarantee a straight sharp edge. Never use a grinder that can change the alloy (soak out iron)

When grinding, the angles of the sharp side of the blades should be respected. See figure 27.

When the blades have been sharpened again, and they are mounted onto the machine, make sure the blade bolts don't touch the counterblade. In case of doubt, replace the blade with a new one.

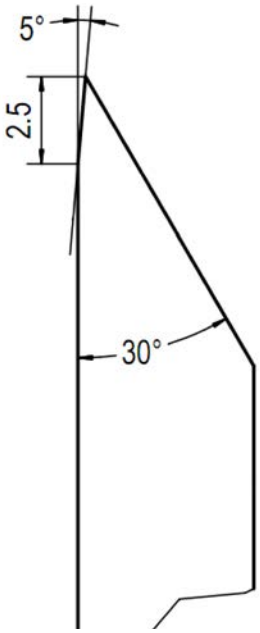


Fig. 27

- When finished handling the blades, unlock the rotor by tightening the screw which locks the rotor. Don't forget to replace the cap on the side of the rotorhousing.

7.4. Replace motor oil

- Change the engine oil after the first 5 hours of use. Replace the oil two times a year. Take care no oil is spilled. Put a collector tin or basin in place, big enough to contain 1 litre of engine oil. Tilt the machine forward and let the oil flow and then drip for a little while.

Attention: used oil is considered to be chemical waste. Bring the oil to a certified collection point.

- Fill the engine with 0.6 litre of 15W40 engine oil. Use a funnel to avoid spillage. Tip: you can also tilt the machine backwards to re-fill oil.

7.5. Engine maintenance

Please consult the engine manual of the engine manufacturer.

8. Scrapping

When the machine is end of life, the machine needs to be scrapped. To do so, take following actions:

- Remove oil and fuel
- Dismout the engine from the chassis
- Remove the rotor and rotorhousing from the engine
- Bring all parts to a specialised waste handling company.

9. Technical specifications

Type	GTM 600
engine	GTE 160 - 4 stroke OHV petrol engine
starter	recoil
displacement	163 cc
power	5 hp 3.6 kW
fuel	unleaded
fuel tank capacity	2.5 l
oil sensor	no
max. diameter branches	55 mm
input:	
input height	1,2 m
input dimensions	30 x 26 cm
output:	
output height	75 cm
output direction	back
deflector	50° adjustable
emergency stop	yes
diameter wheels	20 cm
blades	2 + 1 counterblade
dimensions (l x w x h)	165 x 50 x 140 cm
weight	58 kg
Declared time - averaged emision sound pressure level A at work station	$L_{pA,d}$ = (102+4) dB (according to EN ISO 11201, work mode – according to EN 13683+A2)
Declared peak emission sound pressure level C - $L_{pC,peak}$ at work station	$L_{pC,peak,d}$ = (131+4) dB (according to EN ISO 11201, work mode – according to EN 13683+A2)
Guaranteed sound power level A	$L_{WA,G}$ = 115 dB (measurement and work mode by 2000/14/ES, annex III, part B, item 50)

10. Trouble shooting table

Problem	Cause	Solution
The woodchipper does not perform properly: the wood is not pulled in by the rotor itself. The chips do not have the same size	- The blades are worn too much - The diameter of the branches inserted into the machine is too large - The gap is too big between the fixed blade and the counter blade.	- Reverse, sharpen or change the blades. (chapter 7.3) - Remove branches thicker than 5,5 cm - Adjust the gap between fixed blade and counter blade: the correct gap is between 0,5mm and 0,95mm. (see chapter 7.3)
The engine does not start/ the engine shuts off by itself	- Electrical problem with the engine - No fuel - No or not enough oil in the engine	- Check that the start-switch on the engine is on “on”. - Check if the emergency switch is de-activated. - Check oil and fuel levels (the oil should be at level with the threads of the filler hole.) If necessary: Contact your dealer
The machine jams during use. The engine will not start/turn because the rotor is jammed	- The diameter of the branch is too big - There are unacceptable materials such as stones or metal in the input tube	- Check that the diameter of the branches is not more than 5,5 cm. - Check chapter 6.7 for an explanation on how to unblock the rotor.
The machine does not throw out chips any more. The output tube is jammed	Too much wet material (leaves, grass, rotten material) has been fed into the machine	- Check chapter 6.8 for an explanation on how to unblock the conveyor.

11. Warranty conditions

1. Warranty
You are entitled to warranty on factory- and component faults provided that the machine is used as described in the manual. Not included are parts that are subject to wear. For the engine you should apply to the manufacturer in question.

2. Terms
For professional use: 6 months.
For private use: 2 years.

3. Conditions
The warranty covers the replacement of faulty parts and the corresponding labour, but not the costs of transport. The purchase invoice is also the warranty certificate and so the serial number must be mentioned on the invoice.

4. Exceptions
The warranty is invalidated when the operating and maintenance instructions, which are provided with the machine, have not been followed, when an inproper use has been made, when not original spare parts have been used or when unqualified repairers have tampered with the machine.

5. Where
The qualified After-Sale-Service, for repair under warranty, is available from the dealer from whom you have purchased the machine. Ask for an invoice marked “Warranty Repair” for the repair.

12. Contact

Technische Handelmaatschappij J. de Wild BV, De Meeten 54, 4706 NH, Roosendaal, Holland - ID: 20038295.

13. EC - Declaration of conformity

Technische Handelmaatschappij J. de Wild BV, De Meeten 54, 4706 NH, Roosendaal, Holland - ID: 20038295

Hereby declare that the machines

• Wood chipper GTS600	Reg. Nrs.
- GTS600 equipped with GTE160 engine with recoil starter	GTS600LV1R315000PP to GTS600LV1R316000PP GTS600LV1R315000QQ to GTS600LV1R316000QQ

Description:
Wood chipper, max. diameter branches 55 mm, blades 2 + 1 counterblade,
Engine GTE 160, 4 stroke OHV petrol engine, displacement 163 cc, power 5 hp/3,6 kW, weight of the machine 58 kg

is in accordance with the conditions of the following directives:

• **2004/108/EC**	**Electromagnetic compatibility (EMCD)**
• **2006/42/EC**	**Machinery (MD)**
• **2000/14/EC**	**Noise emission in the environment by equipment for use outdoors (OED)**

To comply with the provisions of directives 2006/42/EC and 2004/108/EC the following standard procedures has been followed:

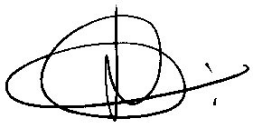
- EN ISO12100:2010: Safety of machinery – General principles for design – Risk assessment and Risk reduction
- EN 13683:2003+A2:2011: Garden Equipment – Integrally powered shredders/chippers – Safety[1]
- EN 61000-6-3:2007: Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
- EN 61000-6-1:2007: Electromagnetic compatibility (EMC). Generic standards. Immunity for residential, commercial and light-industrial environments

To comply with the provisions of directive 2000/14/EG conformity assessment procedure according to Annex VI from the directive has been followed.

Sound power level values:

Product	Guaranteed $L_{WA,G}$
GTS600	115 dB(A)

Roosendaal, Oktober 2012



M.C. de Wild
CEO Technische Handelmaatschappij J. de Wild BV
De Meeten 54, 4706 NH, Roosendaal, Holland

[1] Article 5.2.2. Discharge chutes is not followed in the design of the GTS600

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